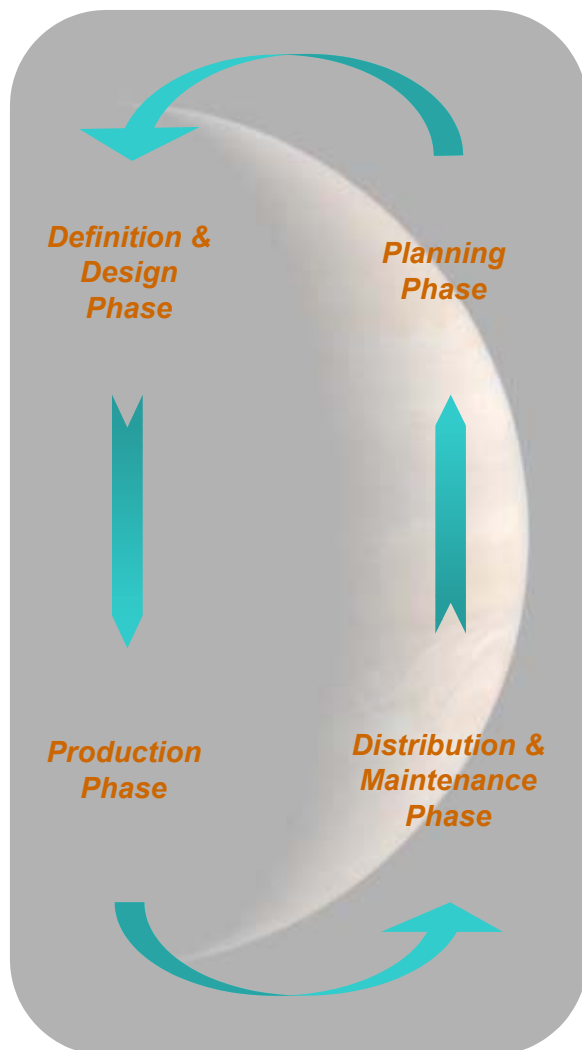




The Life Cycle of a PDS Archive



Planning Phase:

- Data archiving requirements written into mission Announcement of Opportunity
- Pre-proposal briefing on PDS data archiving requirements given to potential proposers
- Proposal data archiving section reviewed by PDS
- PDS orientation to flight project staff
- Data archiving working groups formed

Definition & Design Phase:

- Project Data Management and Archive Plans define data to be archived
- Data Product and Volume Organization Software Interface Specifications detail the data and volume structure
- Preliminary metadata labels loaded into PDS catalog

Production Phase:

- Raw and processed data products, labels (metadata) and documentation produced
- Preliminary and quick-look data made accessible via Project and PDS web pages
- Data archive products validated and peer-reviewed; liens corrected

Distribution & Maintenance Phase:

- Final data products made available on-line
- PDS add the data to the archive
- Physical copies sent to NSSDC
- PDS provides data, documentation and science expertise to users
- Data archive maintained via periodic media refreshes, addition of new / updated data products